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Graefes Arch Clin Exp Ophthalmol. 1996 Aug;234 Suppl 1:S96-100.

Nerve growth factor delays retinal degeneration in C3H mice.

Lambiase A, Aloe L.

Institute of Neurobiology, CNR, Rome, Italy,

Abstract

BACKGROUND: The aim of the present study was to investigate the blodgical role of nerve growth factor (NGF) on retinal degeneration in the GSH mouse strain. This strain is characterized by a single gene mutation (rid which learn the degeneration in the GSH mouse strain. This strain is characterized by a single gene mutation (rid which learn the photoreceptor degeneration resembling human retinitis pigmentosa. METHODS: Neural retinas from 1- to 25 day-old GSH mice were discessed from outer coultré susse, discossicated in cell suspension, stained with a vital dye and counted in a hemocytometer. For in vivo study. NGF was injected into the intraocular or retro-coular area, and at the end of the treatment the mice were killed. The eyes were enucleated, fixed and cut by cryocatal into 14-micros serial sections. This serial sections were stained with hematoxylin-eosin and the outer nuclear layer (ONL) was measured using a computerized image analysis system. RESULTS: An intraocular injection of NGF or repeated retro-coular injections, induced a significant increase in ONL thickness compared to controls. CONCLUSION: Our data show that NGF inhibits retinal degeneration in CSH mice. The mechanism(c) underlying the protective action of NGF.

PMID: 8871157 [PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances

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Nerve Growth Factor in the Developing and Adult Lacrimal Glands of Rat With and Without Inherited Retinitis Pigmentosa, Muzi S. Colafrancesco V, Sornelli F, Mantelli F, Lambiase A, Aloe L.

Cornea, 2010 Jun 30. [Epub ahead of print]

PRIO. 20596895 (FuoNers - Ar. supplied ov publisher)

2 Ocular Application of Nerve Growth Factor Protects Degenerating Retinal Ganglion Cells in a Rat Model of Glaucoma. Colafrancesco V, Parisi V, Sposato V, Rossi S, Russo MA, Coassin M, Lambiase A, Aloe L. J Glaucoma, 2010 Apr 29. [Epub ahead of print]

PMID: 2040-004 (Published - st. supplied by published)

3 Phase II study of asparagine-giveine-arginine-human tumor necrosis factor alpha, a selective vascular targeting agent, in previousiv treated patients with malignant pleural mesothelisma.

Gregorc V, Zucali PA, Santoro A, Ceresoli GL, Citterio G, De Pas TM, Zilembo N, De Vincenzo F, Simonelli M, Rossoni G, Spreafico A, Grazia Viganò M, Fontana F, De Braud FG, Bajetta E, Caligaris-Cappio F, Bruzzi P, Lambiase A, Bordignon C.

J Clin Oncol 2010 May 20;28(15):2604-11 Epub 2010 Apr 20. PARIO COLOSTOS (Pubblied - in procuse)

Tailored approach to the treatment of vernal keratoconjunctivitis.

Sacchetti M, Lambiase A, Mantelli F, Deligianni V, Leonardi A, Bonini S.

Ophthalmology, 2010 Jul;117(7) 1294-9. Epub 2010 Apr 10.

PNRICE 20080493 (PubMed - in propriet)

5 Phase I clinical and magnetic resonance imaging study of the vascular agent NGR-hTNF in patients with advanced cancers (European Organization for Research and Treatment of Cancer Study 16041).

van Laarhoven HW. Fiedler W. Desar IM, van Asten JJ, Marréaud S, Lacombe D, Govaerts AS, Bogaerts J, Lasch P, Timmer-Bonte JN, Lambiase A. Bordignon C. Punt CJ. Heerschap A. van Herpen CM.

Clin Cancer Res. 2010 Feb 15:16(4):1315-23. Epub 2010 Feb 9.

PMID: 20145143 (PUMANS - moured for MEDILINE)

6 Nerve growth factor eye drops improve visual aculty and electrofunctional activity in age-related magular degeneration; a case report. Lambiase A. Coassin M. Tirassa P. Mantelli F. Aloe L.

Ann Ist Super Sanita, 2009;45(4):439-42.

PARIOLOGO FRANCE PURMING - Indexes for MEOUSUEL - Pres Article

Sphingobacterium respiratory tract infection in patients with cystic fibrosis.

Lambiase A, Rossano F, Del Pezzo M, Raia V, Sepe A, de Gregorio F, Catania MR.

BMC Res Notes, 2009 Dec 23:2:262

PMIG. 2002098/0 (PUDMed - in pripoy le). Pree PMC Article. Fires relati

Defining the optimal biological dose of NGR-hTNF, a selective vascular targeting agent, in advanced solid rumours.

Gregorc V, Citterio G, Vitali G, Spreafico A, Scifo P, Borri A, Donadoni G, Rossoni G, Corti A, Caligaris-Cappio F, Del Maschio A, Esposito A. De Cobelli F. Dell'Acqua F. Troysi A. Bruzzi P. Lambiase A. Bordignon C.

Eur J Cancer. 2010 Jan.46(1) 198-206. Epub PRES. 19900/802 (PURNIE) - INSPRES OF MEDICALES

Toxic comeal ulcer: a frequent and sight-threatening disease.

Sacchetti M. Lambiase A. Coassin M. Bonini S. Bonini S.

Eur J Ophthalmol. 2009 Nov-Dec:19(6):916-22.

PNED. 19982599 (PODNAGO Indexed for MEGUANET

10 Typing of Pseudomonas aeruginosa isolated from patients with VAP in an intensive care unit.

Lambiase A. Rossano F. Piazza O. Del Pezzo M. Catania MR. Tufano R.

New Microbiol. 2009 Jul;32(3):277-83.

PMID: 199 to LTG (Publish) - inclosed for MEDUNE)

11. Nerve growth factor modulates toll-like receptor (TLR) 4 and 9 expression in cultured primary VKC conjunctival epithelial cells. Micera A, Stampachiacchiere B, Normando EM, Lambiase A, Bonini S, Bonini S. Mol Vis. 2009 Oct 13:15:2037-44.

PMID: 1984/689 (Publish I was and for MEDUNE). Free PMC Article. Free port

12 Experimental and clinical evidence of neuroprotection by nerve growth factor eye drops; Implications for glaucoma, Lambiase A, Aloe L, Centofanti M, Parisi V, Mantelli F, Colafrancesco V, Manni GL, Bucci MG, Bonini S, Levi-Montalcini R. Pro Nat Acad Sol U S A. 2009 Aug 3. [Epub ahead of print]

PARIS, 19605001 (Pounted - as expalled by published) Free PMC Article Free Sex:

13. In vivo characterization of doxycycline effects on tear metalloproteinases in patients with chronic blephanitis. Iovieno A, Lambiase A, Micera A, Stampachiacchiere B, Sqrulletta R, Bonini S.

Eur J Ophthalmol, 2009 Sep-Oct;19(5):708-16. PMiD: 19787586 (PobMed - indewed for MEGLINE)

14. Multiple action agents and the eye: do they really stabilize mast cells?

Lambiase A, Micera A, Bonini S.

Curr Opin Allergy Clin Immunol. 2009 Oct;9(5):454-65. Review

PMID 19862595 (PubMas - indexed for MEDLINE)

15. T-helper 17 lymphocytes in ocular cicatricial pemphigoid

Lambiase A, Micera A, Mantelli F, Moretti C, Di Zazzo A, Perrella E, Bonini S, Bonini S.

Mol Vis. 2009 Jul 28;15:1449-55.

PMID: 19811604 [FubNeq: writeward for MEDUNE] Free PMC Article Supplied

16 A simple and rapid diagnostic algorithm for the detection of ocular allergic diseases.

Mantelli F. Lambiase A. Bonini S.

Curr Opin Allergy Clin Immunol. 2009 Oct;9(5):471-6. Review.

PMID: FRIBALE [Publish: misual to MED: NE)

17 Therapeutic effect of topical 5-flororunarii in consunctival sousmous carcinoma is associated with changes in matrix metallogroteinases and dissue inhibitor of metallogroteinases expression, lovieno A. Lambiase A. Moretti C. Perrella E. Bonini S.

Cornea. 2009 Aug.28(7) 821-4.

PMID: 1957-WCG (Published I missued for MEDLINE)

Phase Ib study of NGR-hTNF, a selective vascular targeting agent, administered at low doses in combination with doxorubic to patients with advanced solid turnours.

Gregorc V, Santoro A, Bennicelli E, Punt CJ, Citterio G, Timmer-Bonte JN, Caligaris Cappio F, Lambiase A, Bordignon C, van Herpen CM. Br J Canner 2009 Jul (101(2) 219-24: Epub 2009 Jun 30 PMED 1980/2015 (PubMed Variance Med Med Ned).

19 <u>Pseudomonas aeruginosa in a neonatal intensive care unit" molecular epidemiology and infection control measures.</u>
Crivaro V, Di Popolo A, Caprio A, Lambiase A, Di Resta M, Borriello T, Scarcella A, Triassi M, Zarrilli R.

BMC Infect Dis. 2009 May 22,9 70.
PMID: 1941CLISC (Published Innovated for MEDLINE) Pres PMC Arcticle. Eggs (201

In vitro evidence of nerve growth factor effects on human conjunctival epithelial cell differentiation and mucin gene expression. Lambiase A, Micera A, Pellegrini G, Merlo D, Rama P, De Luca M, Bonini S, Bonini S.

Invest Ophthalmol Vis Sci. 2009 Oct;50(10) 4622-30. Epub 2009 Apr 30.

PMID: 19497016 [Pull-Med: Indistant for MEDI, INE]

PubMed

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Ocular Application of Nerve Growth Factor Protects Degenerating Retinal Genotion Cells in a flat Model of Glaucoma. Colafrancesco V, Parisi V, Sposato V, Rossi S, Russo MA, Coassin M, Lambiase A, Aloe L.

J Glaucoma. 2010 Apr 29. [Epub ahead of print]

PMIC 2NULLA (Publish) - st supplied by publisher;

Nerve growth factor eye drops improve visual aculty and electrofunctional activity in age-related macular degeneration, a case report. Lambiase A, Coassin M, Tirassa P, Mantelli F, Aloe L.

Ann lst Super Sanita. 2009;45(4):439-42.
PMID 2008;ess (Publises are set for MEDUNE). Pies Article.

Sperimental and clinical evidence of neuroprotection by nerve growth factor eye drops implications for graucoma. Lambiase A, Albe L, Centofanti M, Parisi V, Mantelli F, Colafrancesco V, Manni GL, Bucci MG, Bonini S, Levi-Montalcini R. Pros Nat Acad Sci U S A 2009 Aug 3 (Epub alead of print)

PMID: FRENKET [Published as Aupprised by publisher] Free PMC Article Free Fig.

4 Anti-NGF-antibody administration as collyrium reduces the presence of NGF and enhances the expression of VEGF in the retina, lacrimal gland and hippocampus.

Colafrancesco V, Cirulli F, Rossi S, Berry A, Aloe L. Neurosci Lett. 2009 Oct 9,463(3) 203-6 Epub 2009 Aug 3.

PMID 19951190 (Publish Harasad to MEDUNE)

5 Reduced NGF level and TrkA protein and TrkA gene expression in the optic nerve of rats with experimentally induced glaucoma.
Sposato V, Bucci MG, Coassin M, Russo MA, Lambiase A, Aloe L.

Neurosci Lett. 2008 Nov 28;446(1):20-4. Epub 2008 Sep 18. PMID: 13817246 [PubMed: mosted for MEDLINE]

Eye drop NGF administration promotes the recovery of chemically injured cholinergic neurons of adult mouse to eprain.
Di Fausto V. Fiore M. Tirassa P. Lambiase A. Aloe L.

Eur J Neurosci. 2007 Nov.26(9) 2473-80. Epub 2007 Oct 23-PMID: 17970722 [Ph./Mad | prospect for MED; svE]

Nerve growth factor eve drop administrated on the ocurar surface of rodents affects the nucleus basalis and septum, biochemical and structural evidence.

Lambiase A, Pagani L, Di Fausto V, Sposato V, Coassin M, Bonini S, Aloe L.

Brain Res 2007 Jan 5;1127(1):45-51 Epub 2006 Nov 17

PMID 47 (1908) IPMMed - Inseres for MEDUNE)

8 Pharmacokinetics of conunctivally applied nerve growth factor in the retina and optic nerve of adult rats. Lambiase A, Tirassa P, Micera A, Aloe L, Bonini S.

Invest Ophthalmol Vis Sci. 2005 Oct,46(10) 3800-6.

SWID, 15198398 [P.J.Aled - molified to MED; INE] - Free Article

 Effects of Schwann cell-derived neurotrophic activity on cultured retinal ganglion cells survive and grow in normal and gas-deprived environment!

Huang W. Wang L. Hui Y. Ma J.

Yan Ke Xue Bao, 2002 Dec;18(4) 235-9. Chinese Skillü, 155:15763 (PULNes) - indexes for MEGLEVE)

Effect of exogenous neurotrophins on Trk receptor phosphorylation, cell proliferation, and neurotrophin secretion by cells isolated from the human lamina cribrosa.

Lambert WS, Clark AF, Wordinger RJ.

Mol Vis. 2004 Apr 19:10:289-96.

PHIC. 15105731 (PURMED Indexes for MECLINE). Free Article

11. Influence of hormones and growth factors on lens protein composition; the effect of dexamethasone and PDGF-AA

Vinader LM, van Genesen ST, de Jong WW, Lubsen NH.

Mol Vis. 2003 Dec 18,9:723-9.

PARTY, 14085140 (PULNING - Indexes for MEGLEUS) Free Article

Study of the role of the low-affinity neurotrophin receptor p75 in naturally occurring cell death during development of the rat retina.
Ding J, Hu B, Tang LS, Yip HK,

Dev Neurosci. 2001;23(6):390-8.

PRIO 11679999 (Friends) - indexed for MEGLINE)

NGF administered by microdialysis into rabbit vitreous.

Waga J, Ehinger B.

Acta Ophthalmol Scand. 2000 Apr;78(2):154-5.

PMID: 10794247 [Publish: Indexed for MEDLINE]

14 Induction of cyclooxygenese-2 gene expression in retinal pigment enithetium cells by photoreceptor rod outer segment phagocytosis and growth factors.

Ershov AV, Bazan NG,

J Neurosci Res. 1999 Oct 15;58(2):254-61.

PRIO 1666981 (Pribates - Indexed by MEGUNE)

Suppression of trkB expression by antisense oligonucleotides afters a neuronal phenotype in the rod pathway of the developing rat retina.

Rickman DW, Bowes Rickman C.

Proc Natl Acad Sci U.S.A. 1996 Oct 29:93(22):12564-9.

PMID: 8501582 (Flooking - Indexed for MEDIJNE) Free PMC Article (First field

16. Nerve growth factor delays retinal degeneration in C3H mice.

Lambiase A, Aloe L.

Graefes Arch Clin Exp Ophthalmol. 1996 Aug 234 Suppl 1 S96-100. PMit2: 8871157 Philipson - including for MEDLINES

17. Partiel characterization of a putative new growth factor present in pathological human vitreous

Pombo C, Bokser L, Casabiell X, Zugaza J, Capeans M, Salorio M, Casanueva F.

Graefes Arch Clin Exp Ophthalmol. 1996 Mar;234(3):155-63.

PMID: 3720714 (Published - maked for MEDUNE)

18 Inhibition of ocular dominance column formation by infusion of NT-4/5 or BDNF.

Cabelli RJ, Hohn A, Shatz CJ.

Science. 1995 Mar 17 267(5204):1662-6.

PMID Families Published invalued for MEDUNE

19 Trophic effect of collicular proteoglycan on neonatal rat retinal ganglion cells in situ.

Huxlin KR, Carr R, Schulz M, Sefton AJ, Bennett MR.

Brain Res Dev Brain Res. 1995 Jan 14;84(1):77-88.
PMID: 1720220 [PubMed - invision for MEDICARE]

20 Developing rat retinal ganglion cells express the functional NGF receptor p140trkA.
Zanellato A. Comelli MC, Dal Toso R. Carmignoto G.

Zanelialo A, Comelli MC, Dai 1050 i

Dev Biol: 1993 Sep;159(1):105-13.

PMID: 6365554 [Put Med - indexed for MillOr Hall]

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Invest Ophthalmol Vis Sci. 1993 Nov:34(12):3232-45.

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Abstract



Nerve growth factor promotes functional recovery of retinal ganglion cells after ischemia.

Siliprandi R. Canella R. Carmignoto G.

Fidia Research Laboratories, Abano Terme, Italy.

Abstraci

PURPOSE: To investigate the effect of a transient complete ischemia on the function of cat retina and to determine whether nerve growth factor (NGF), which was previously shown to enhance retinal ganglion cell (RGC) survival: optic nerve section in the adult rat, can promote recovery of retinal neurons after the ischemic insult. METHODS: Function of distal and proximal retina was assessed by recording the electroretinogram in response to both homogeneous flickering light (FERG) and contrast reversing gratings (PERG), respectively, 30 days after the indu a 60-minute episode of ischemia. Visual evoked potentials in response to contrast reversing gratings were also re to evaluate visual acuity and contrast thresholds. Cell survival after ischemia was assessed in retinal whole-mour stained with cresyl violet. Cats were intraocularly treated with NGF every other day, 3 times a week, for 30 days. were treated with either phosphate buffered saline or cytochrome c. RESULTS: After ischemia, the FERG was no significantly affected. On the contrary, the PERG, visual acuity, and contrast thresholds were severely impaired. I NGF treatment, PERG response amplitudes were much less reduced compared to controls, and visual acuity and contrast thresholds were virtually normal. In addition, a larger number of presumed RGCs was present in the NGI treated retinas compared to the cyt c-treated ones. CONCLUSIONS: The more proximally located retinal neurons particular RGCs, are highly vulnerable to ischemia. Intraocular NGF treatment was effective in enhancing the surfunctional recovery of these neurons. This suggests that NGF may represent a novel therapeutic agent for the tre of ischemic ocular pathologies.

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